

CENTER OF EXCELLENCE IN RURAL HEALTH

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About the Center

Student Services

Physical Therapy

**Clinical Laboratory
Sciences**

Social Work

Residency Program

Recent Happenings



Family Practice Clinic

Kentucky Homeplace

SKYCAP

**State Office of Rural
Health**

Research

Outreach Centers

New Building

<http://www.mc.uky.edu/ruralhealth>

Kentucky Homeplace





Late State Rep. Paul Mason, D-Whitesburg, left, and Hazard Mayor Bill Gorman, right, appear together here at a UK Center for Rural Health function. Mr. Mason, who died in 1998, was instrumental in the creation of the Kentucky Homeplace program.

UK Center for Rural Health Kentucky Homeplace

- Kentucky Homeplace was established in 1994 by the Kentucky General Assembly. The program was originally developed by the UK Center of Excellence in Rural Health as a demonstration project, and was funded by the Kentucky Cabinet for Human Resources.

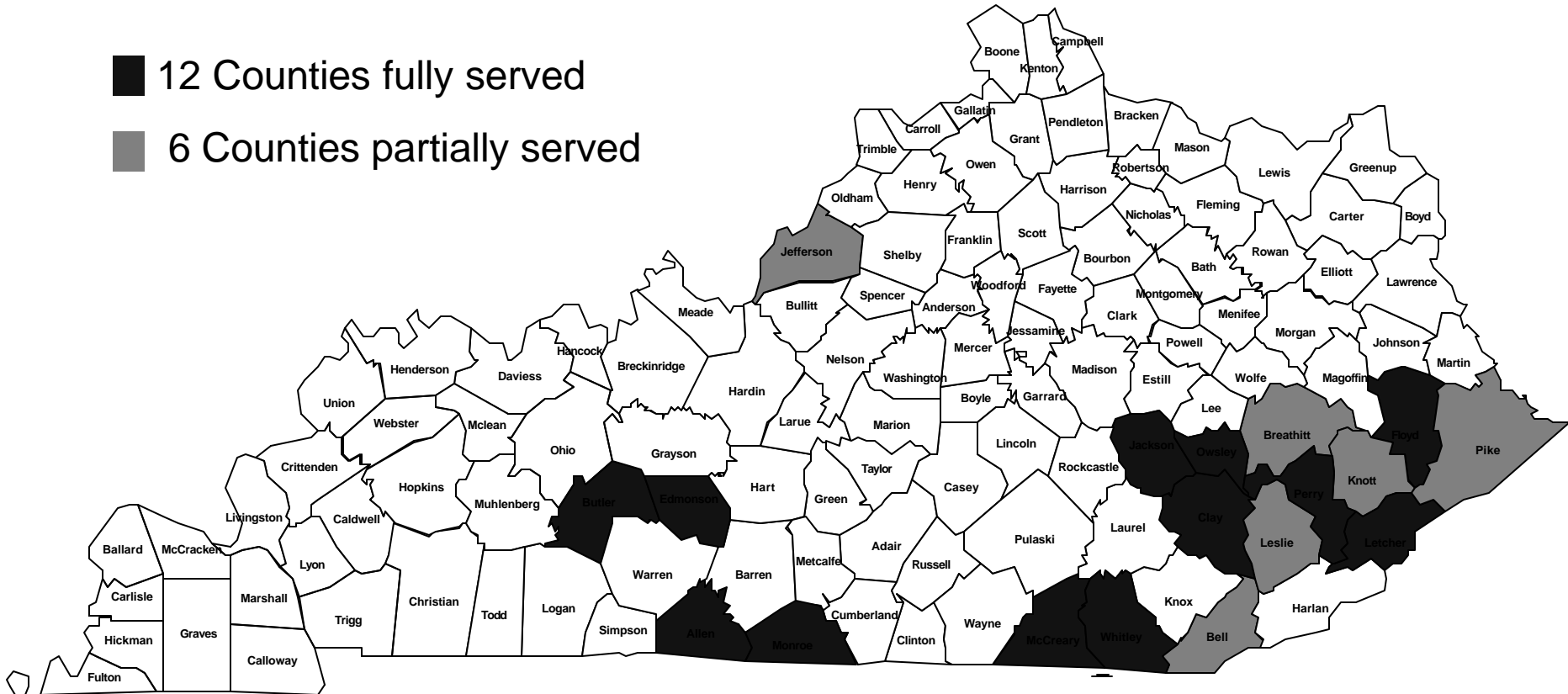


Barriers To Health Care Access In Rural America

- Access to the Health Care System
- Lack of Understanding of How to Navigate the Health Care System
- Uninsured/Underinsured/Underserved
- Transportation
- Access to Primary Provider
- Access to Medications
- Health Literacy
- Education on Illness
- Communication (culture)

The program started with a staff of 34 serving 18 counties

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Family Health Care Advisors

- The plan was to hire people from the affected communities and train them to be Family Healthcare Advisors (FHCAs).
- Train these lay health workers in home visiting, safety, assessments, preventative care, diseases and access issues.
- These FHCAs would then provide a variety of health and social services to people living in their communities.

Lay Health Worker Training includes:

- Home visitation
- Performing needs assessments
- Acting as liaison between clients and providers
- Establishing action plans for clients and families
- Data entry and use of MIS tracking system

KY Homeplace Today

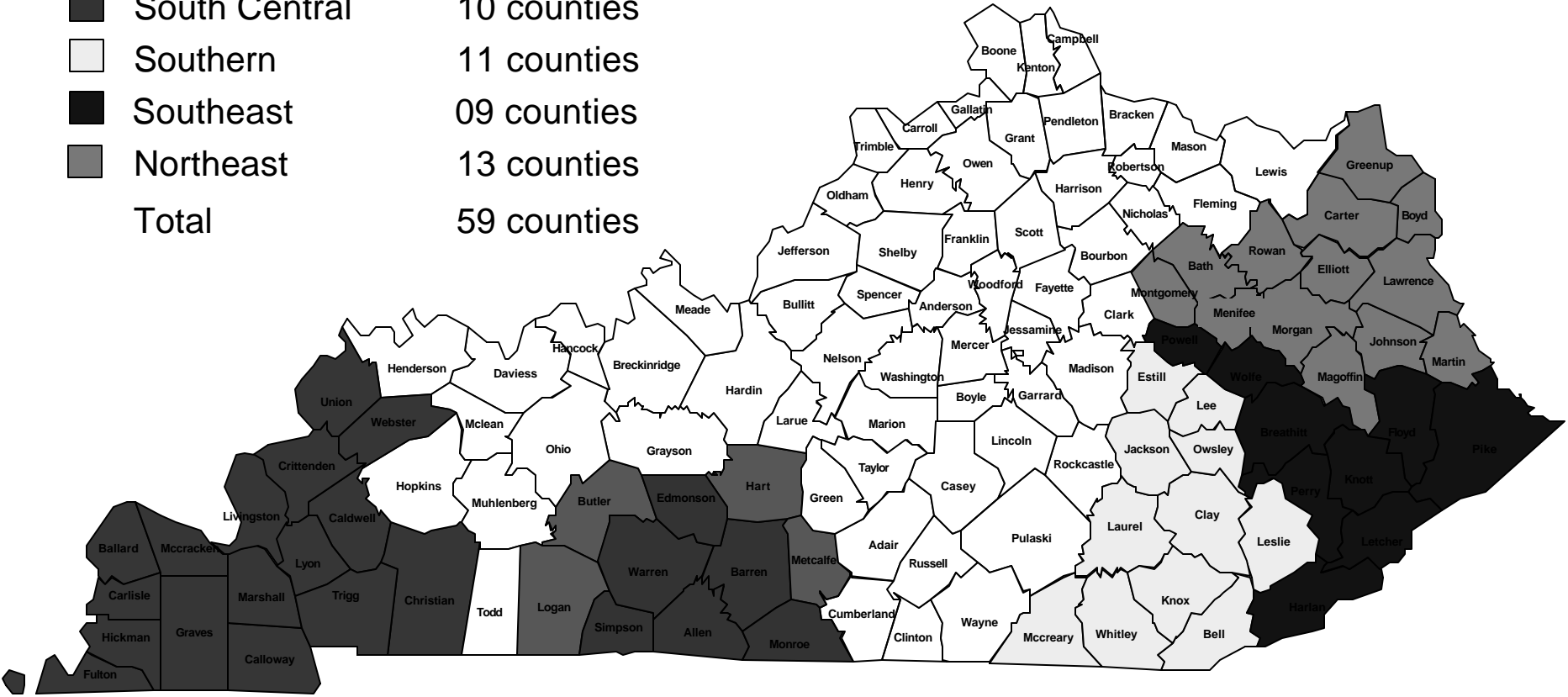
- 52 Employees (including administrative)
- Expansion into 59 Rural Counties
- \$1.9 Million annually from the Kentucky Cabinet of Health Services
- March 2002 received the KY Public Health Association Group Award
- Twice nominated for the Innovations in American Government Award
- Review by Brandeis University as a Model that works for the Center for Medicare and Medicaid Services (CMS)
- Participate in the National Survey of Lay Health Worker Programs conducted by Texas A&M University System Health Science Center for HRSA.



Kentucky Homeplace Statewide Service Area

October 2003

	Purchase	16 counties
	South Central	10 counties
	Southern	11 counties
	Southeast	09 counties
	Northeast	13 counties
	Total	59 counties



Lay Health Workers

- Step One - Home Visit
- Complete a family health care needs assessment.
- Complete plan of action
- Access primary providers, medications and/or medical supplies. (eye glasses and hearing aids)
- Provide or access education on their illness
- Encourage clients to have regular medical check ups
- Encourage clients to seek Preventative Care

HOME VISITING



Client Age Levels - 7/1/2001 to 6/30/2003

Age group	Female	Male	
Under age 1	15	17	
Ages 1 to 4	120	80	
Ages 5 to 12	100	83	
Ages 13 to 14	19	17	
Ages 15 to 19	69	41	
Ages 20 to 24	188	124	
Ages 25 to 44	1648	1120	
Ages 45 to 64	3884	2602	
Ages 65 to 74	1896	981	
Ages 75 to 84	1283	437	
Ages 85 and over	362	95	
Totals	9584	5597	
Grand Totals			15,181

Client Poverty Levels - 7/1/2001 to 6/30/2003

MBR	100%	101-150%	151-200%	200+%	
1	3391	1872	387	123	
2	2581	2135	818	284	
3	962	368	100	28	
4	618	161	31	14	
5	276	54	8	5	
6	99	10			
7	50				
8	27	1			
9	5	1			
10	4				
11	4				
Totals	8017	4602	1344	454	
Grand Totals		14,417			

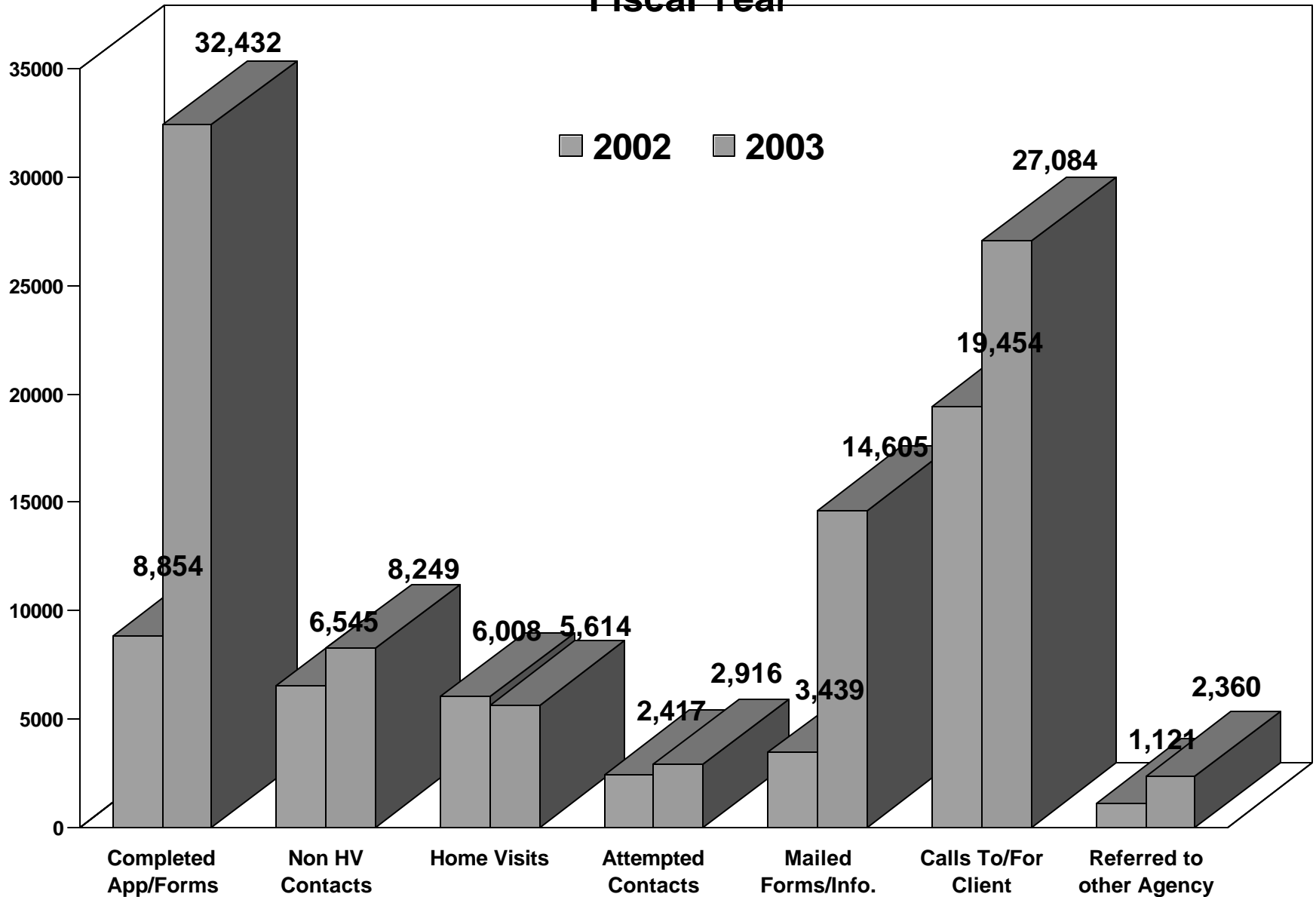
Kentucky Homeplace Cost Analysis per Client

	July-Sept 2002	Oct-Dec 2002	Jan-Mar 2003	April-June 2003	July-Sept 2003	Total
Mean cost per client	263.17	203.56	198.21	177.29	164.13	\$1,006.36
Mean cost per service	43.59	22.27	18.22	10.80	9.94	\$104.82
Mean cost per other service	54.19	22.50	19.00	15.60	14.36	\$125.65
Mean value of free medicine per application	239.74	254.22	253.03	232.00	274.05	\$1,253.04
Total	\$600.69	\$502.55	\$488.46	\$435.69	\$462.48	\$2,489.87

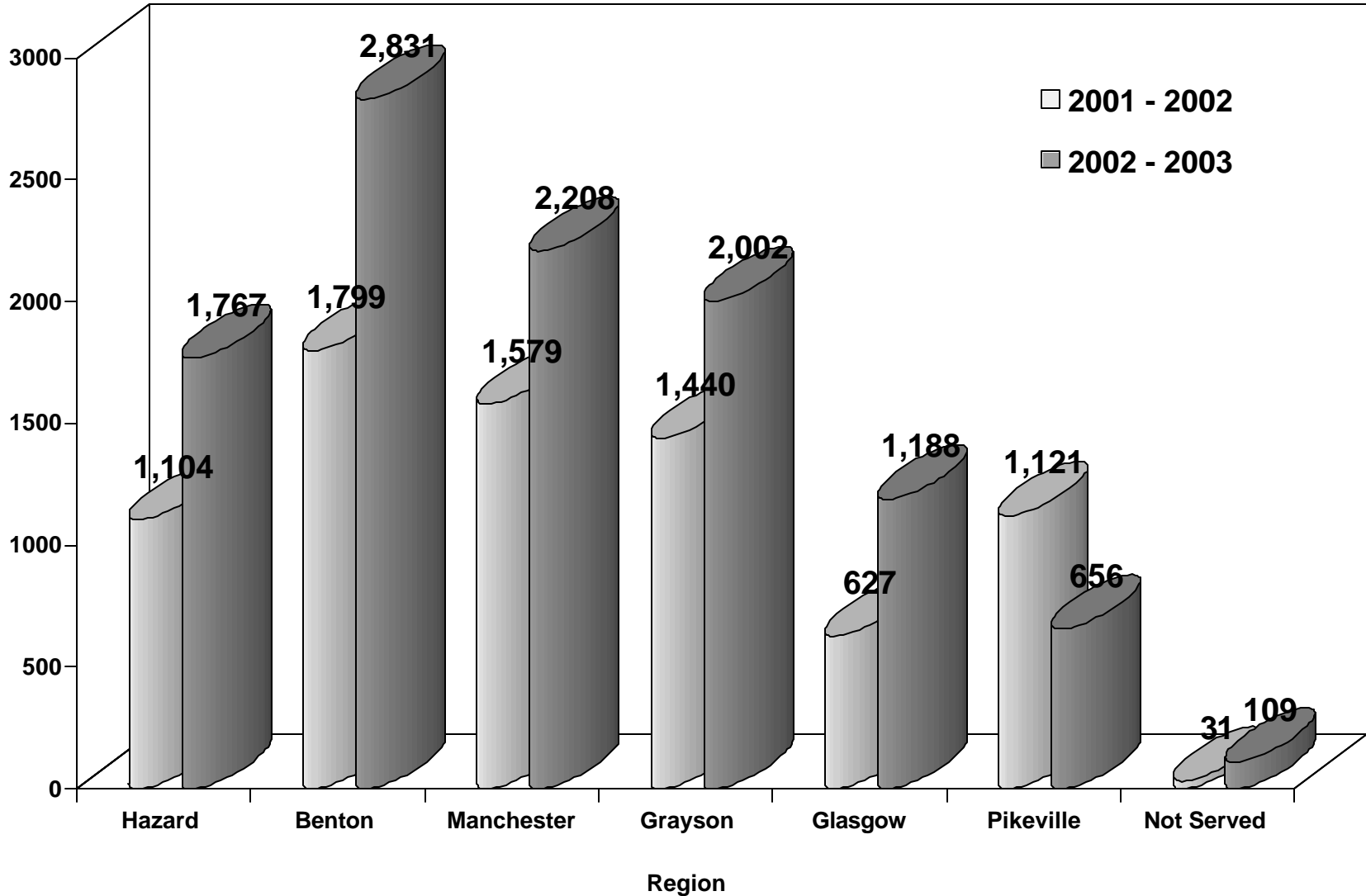
Kentucky Homeplace Client Services

July 2001 - June 2003

Fiscal Year



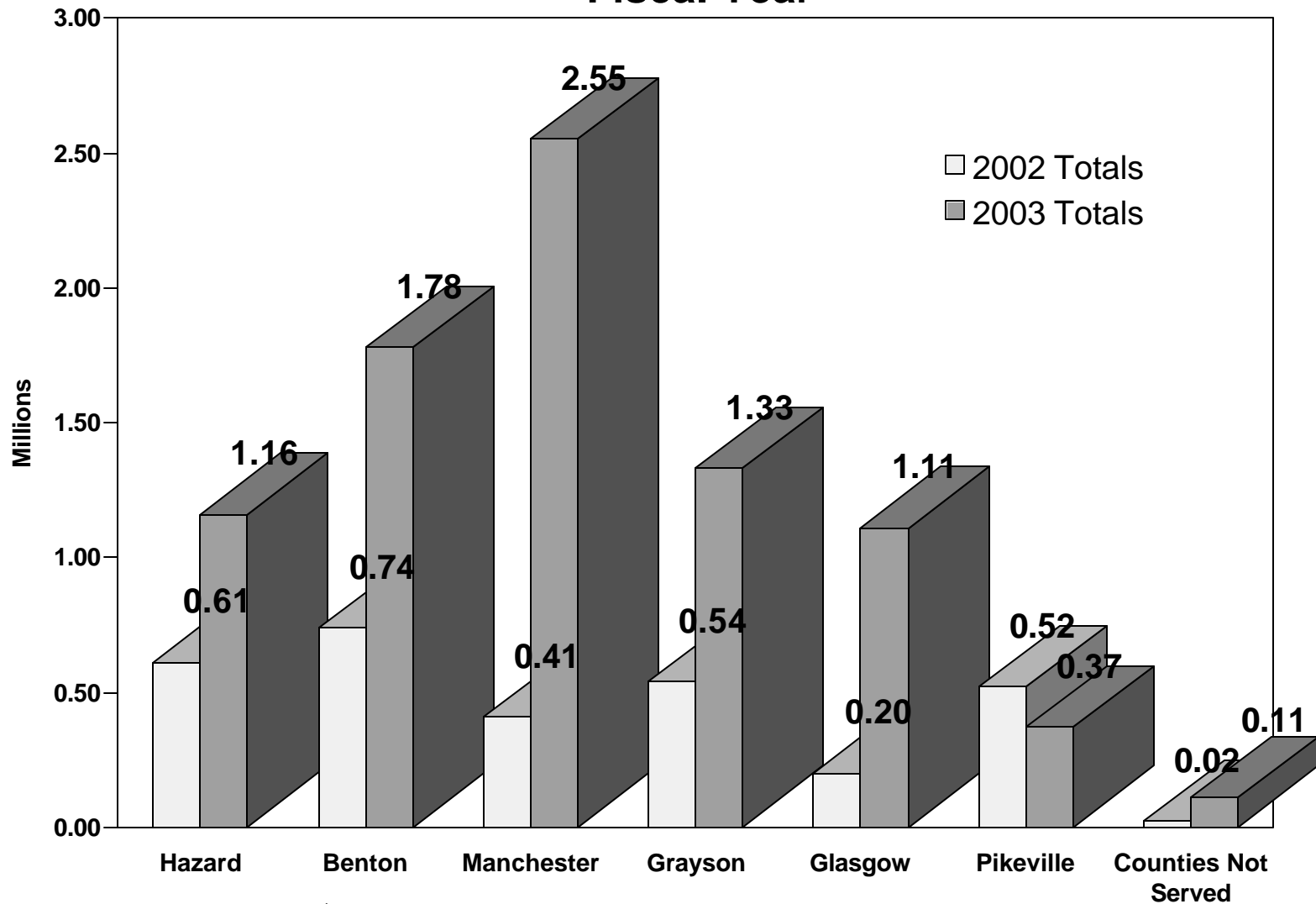
**Number of Kentucky Homeplace Clients
Served by Region
July 2001 - June 2003
Fiscal Year**



Kentucky Homeplace Estimated Cost Savings

July 2001-June 2003

Fiscal Year

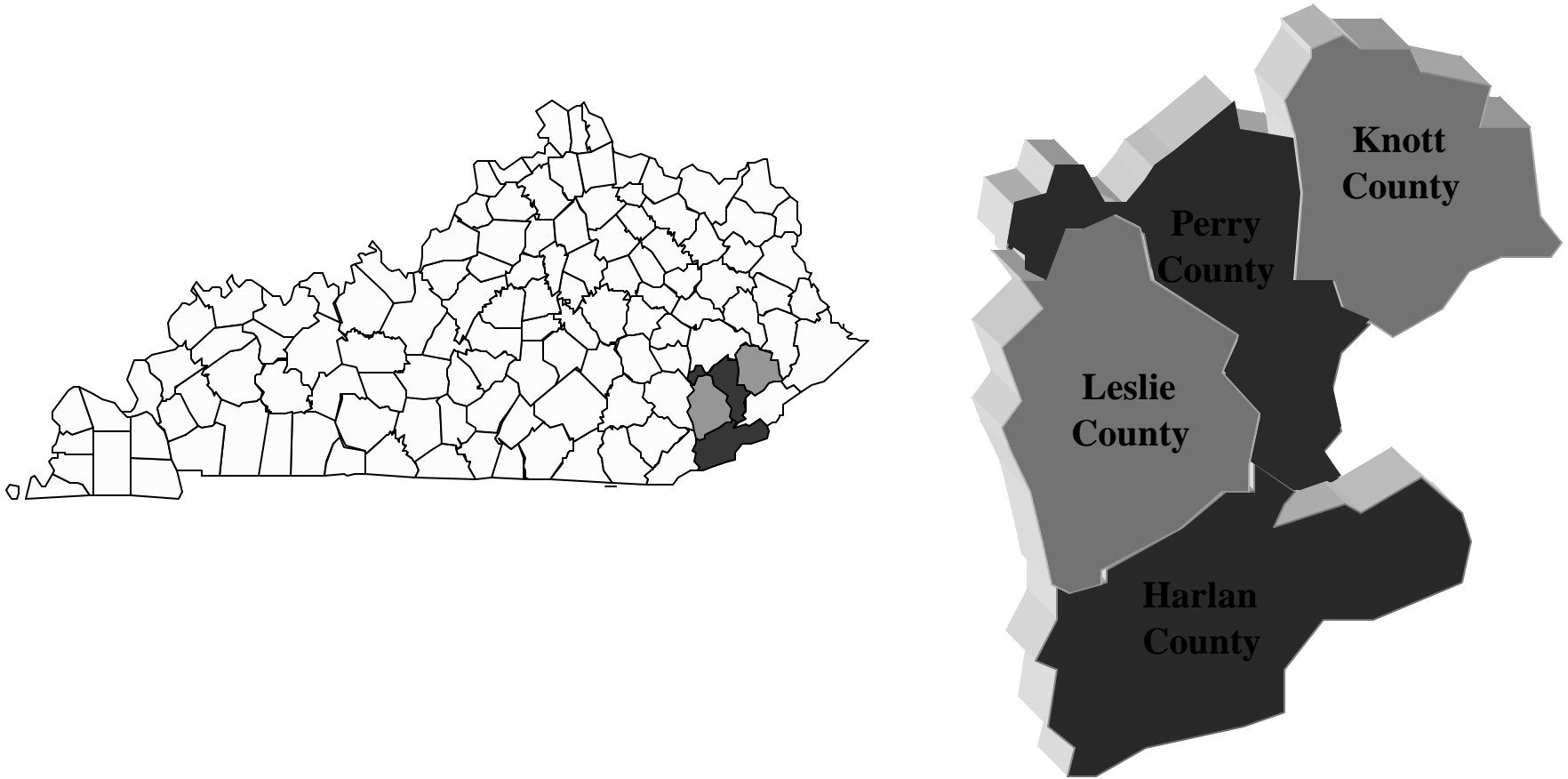


Total for the past two years: \$11,454,310.76
Note: Estimated cost from Red Book Software.



A joint endeavor of:
UK Center for Rural Health,
Harlan Countians for a Healthier Community, Hazard
Perry County Community Ministries, and
Good Samaritan Foundation, Inc.

Southeast Kentucky Community Access Program (SKYCAP) Service Area



Knott and Leslie Counties added July 1, 2002, sponsored by the Good Samaritan Foundation, Inc.

Two unique features of the SKYCAP program are:

- Family Health Navigators (FHN)
- Management Information System (MIS)

Family Health Navigators

- Increase access to the pharmaceutical, medical, housing, transportation, education and environmental needs of the under and uninsured.
- Develop care plans with the clients under the direction of the medical and clinical directors.

Ambulatory Care Sensitive Diseases

- Asthma
- Diabetes
- Heart Disease
- Hypertension
- Mental Illness

Benchmarks Identified for Target Population Case Review

- Emergency room utilization
- Hospitalizations
- Pharmaceutical Access
- Health Outcomes
- Environmental Factors

Results of Case Management

- Medical Home Established
- Access to Pharmaceuticals
- Quality of Care Improved
- Reduced ER Visits
- Reduced Hospitalizations

Functions of Management Information System

- Links providers
- Tracks target population
- Implements a common client record
- Provides data to measure outcomes
- Multiple data entry points
- Holistic Tracking of Health, Environmental, Social, and Educational Issues

SKYCAP Services Accessed:

- Pharmaceuticals = \$2,270,683
- Primary Care Visits = 243,116
- Dental Visits = \$14,930
- Eye Care = \$10,192
- Medical Supplies = \$6,605
- Housing/Living Assistance \$8,313
- **Total = \$2,880,441**

Disease Self-Case Management Reported By Primary Care Disease

Disease	Open Cases Level I	Open Cases Level II	Open Cases Level III	Closed Cases	Total Case Management
Asthma	4	13	62	32	111
Diabetes	20	39	154	103	316
Heart Disease	26	32	136	94	288
Hypertension	15	32	203	97	347
Mental Illness	12	9	124	56	201
Total	77	125	679	382	1,263

Disease Self-Management Cases Reported by Disease

***Client s reflect more than one disease reported**

Disease	Open Cases	Closed	Total
Asthma	135	82	217
Diabetes	298	151	449
Heart Disease	324	186	510
Hypertension	522	268	790
Mental Illness	253	110	363
Other	472	98	570
Total	2004	895	2899

Impact of SKYCAP Services

Harlan ARH Services

Harlan County, KY

Time Period	Closed Harlan County	Total Patients Utilizing	Total SKYCAP Patients Utilizing	Average Visit Per Patient	Average Visit Per Closed SKYCAP Case
1/1/2001 - 6/30/2001	165	103	484	4.70	2.93
7/1/2001 - 12/31/2001	183	115	413	3.59	2.26
1/1/2002 - 6/30/2002	241	157	500	3.18	2.07
7/1/2002 - 12/31/2002	243	137	521	3.80	2.14
Average	208	128	480	3.82	2.35

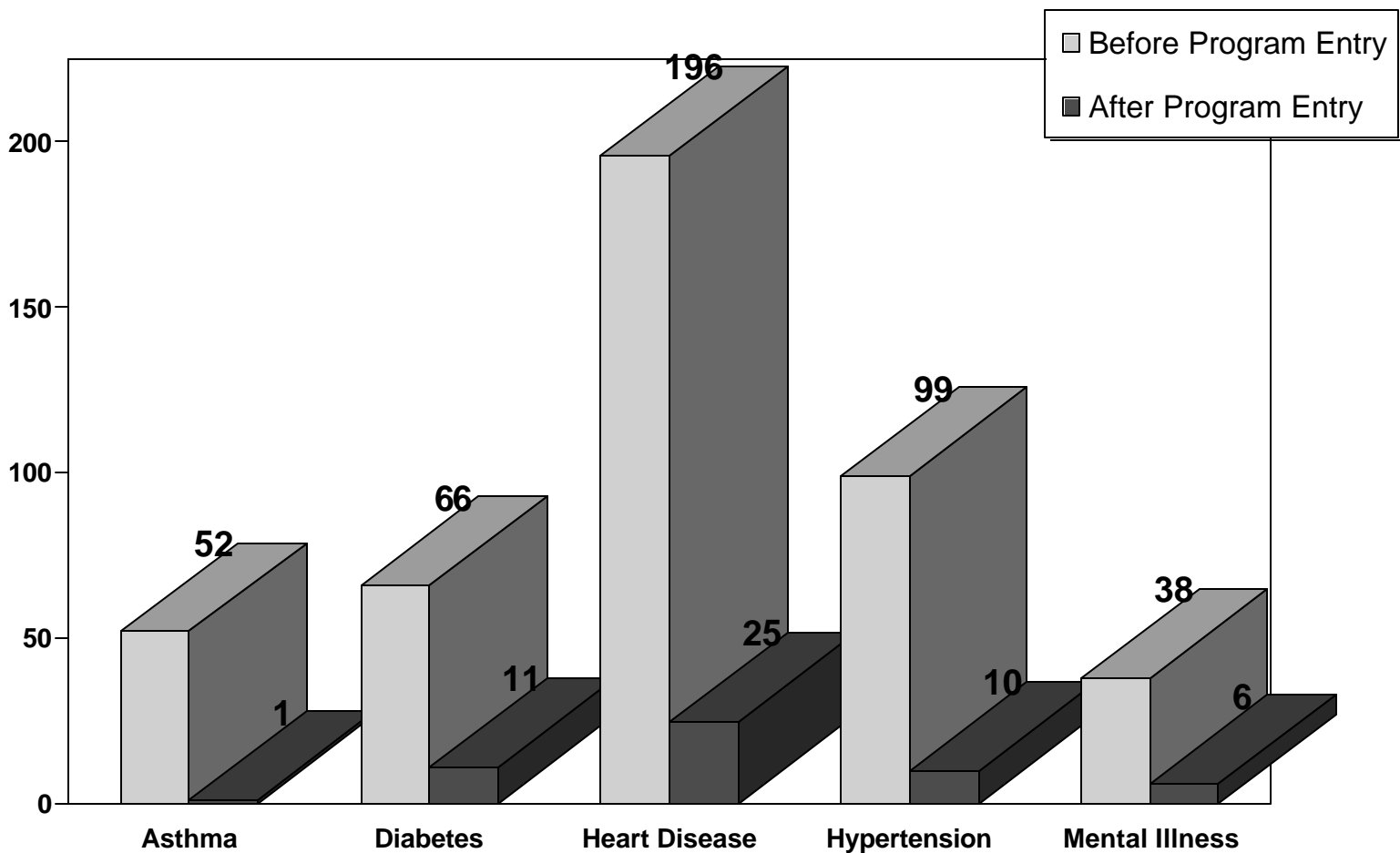
Impact of SKYCAP Services

Hazard ARH Services

Perry County, KY

Time Period	Closed Harlan County	Total Patients Utilizing	Total SKYCAP Patients Utilizing	Average Visit Per Patient	Average Visit Per Closed SKYCAP Case
1/1/2001 - 6/30/2001	108	63	317	5.03	2.94
7/1/2001 - 12/31/2001	130	76	301	3.96	2.32
1/1/2002 - 6/30/2002	156	89	438	4.92	2.81
7/1/2002 - 12/31/2002	169	85	333	3.92	1.97
Average	141	78	347	4.46	2.51

**Comparison of Hospital Admissions
Southeast Kentucky Community Access Program Service Area*
September 1, 2000-August 31, 2003**

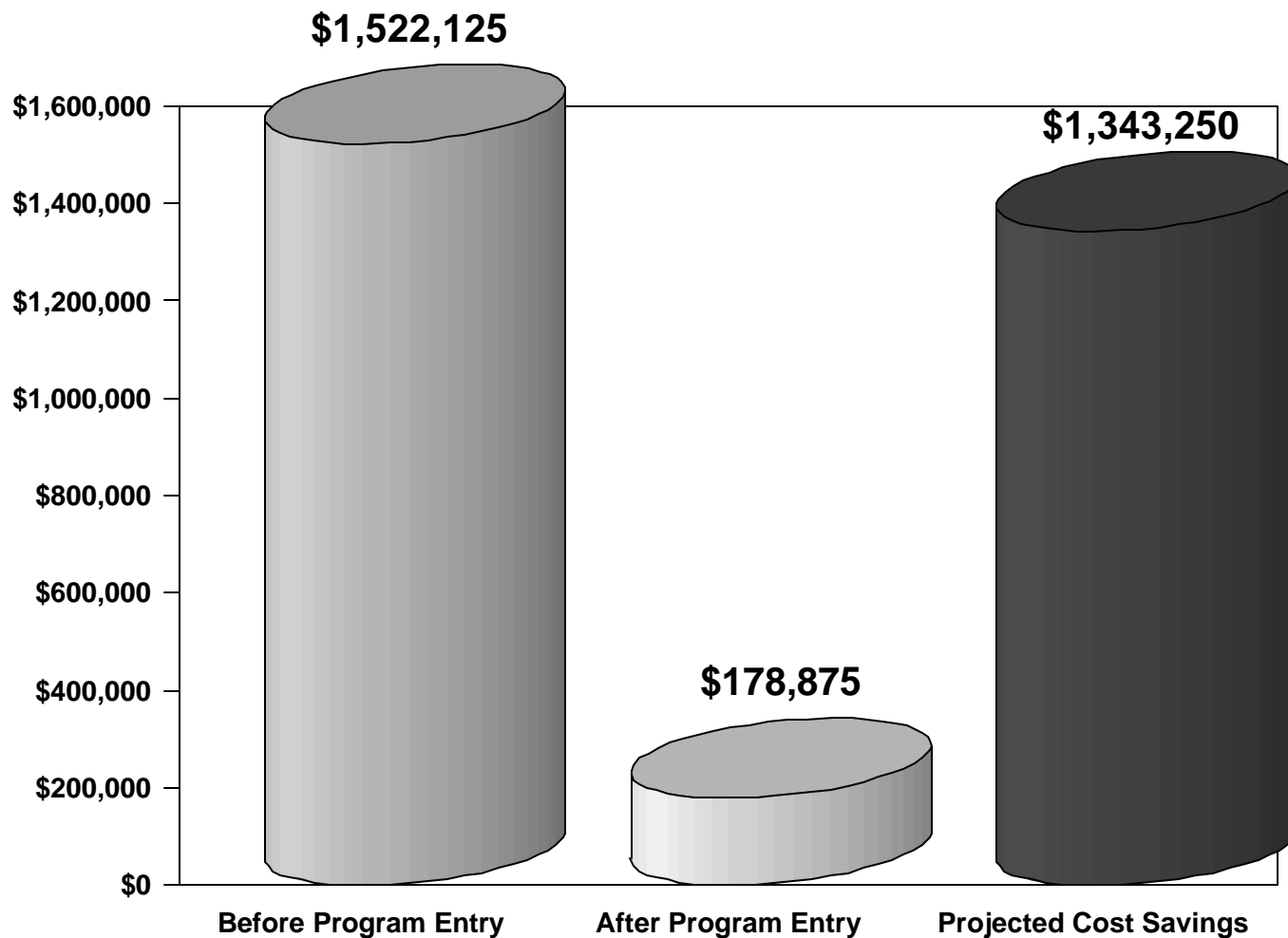


*Service Area includes Harlan, Perry Knott, & Leslie Counties.

Knott & Leslie Counties are funded by The Good Samaritan Foundation, Inc.

Source: Figures reflect approx. 931 clients as reported from the SKYCAP Management Information System.

**Cost Comparison of Hospital Admissions
Southeast Kentucky Community Access Program Service Area*
September 1, 2000-August 31, 2003**

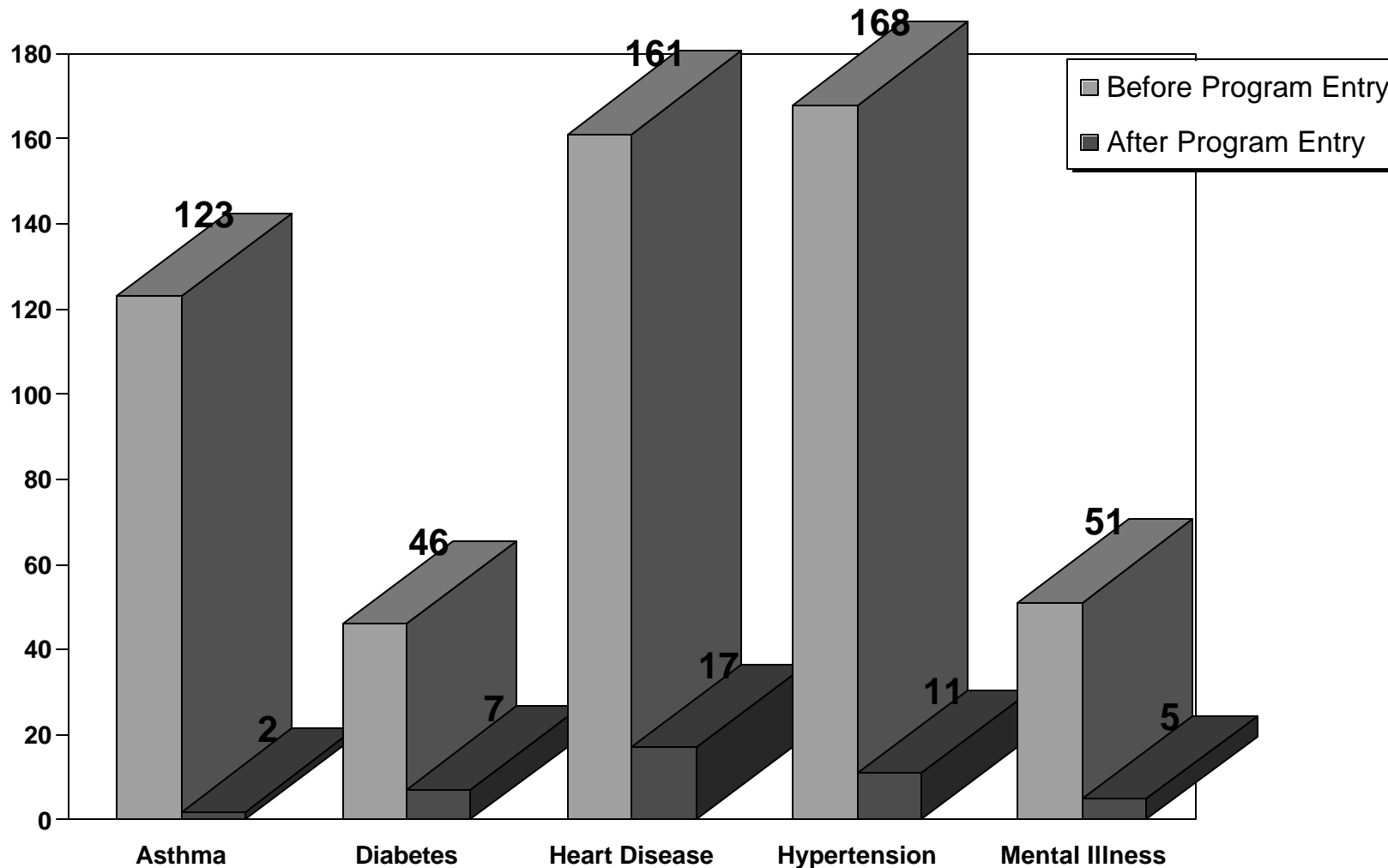


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**Comparison of Emergency Room Visits
Southeast Kentucky Community Access Program Service Area*
September 1, 2000-August 31, 2003**

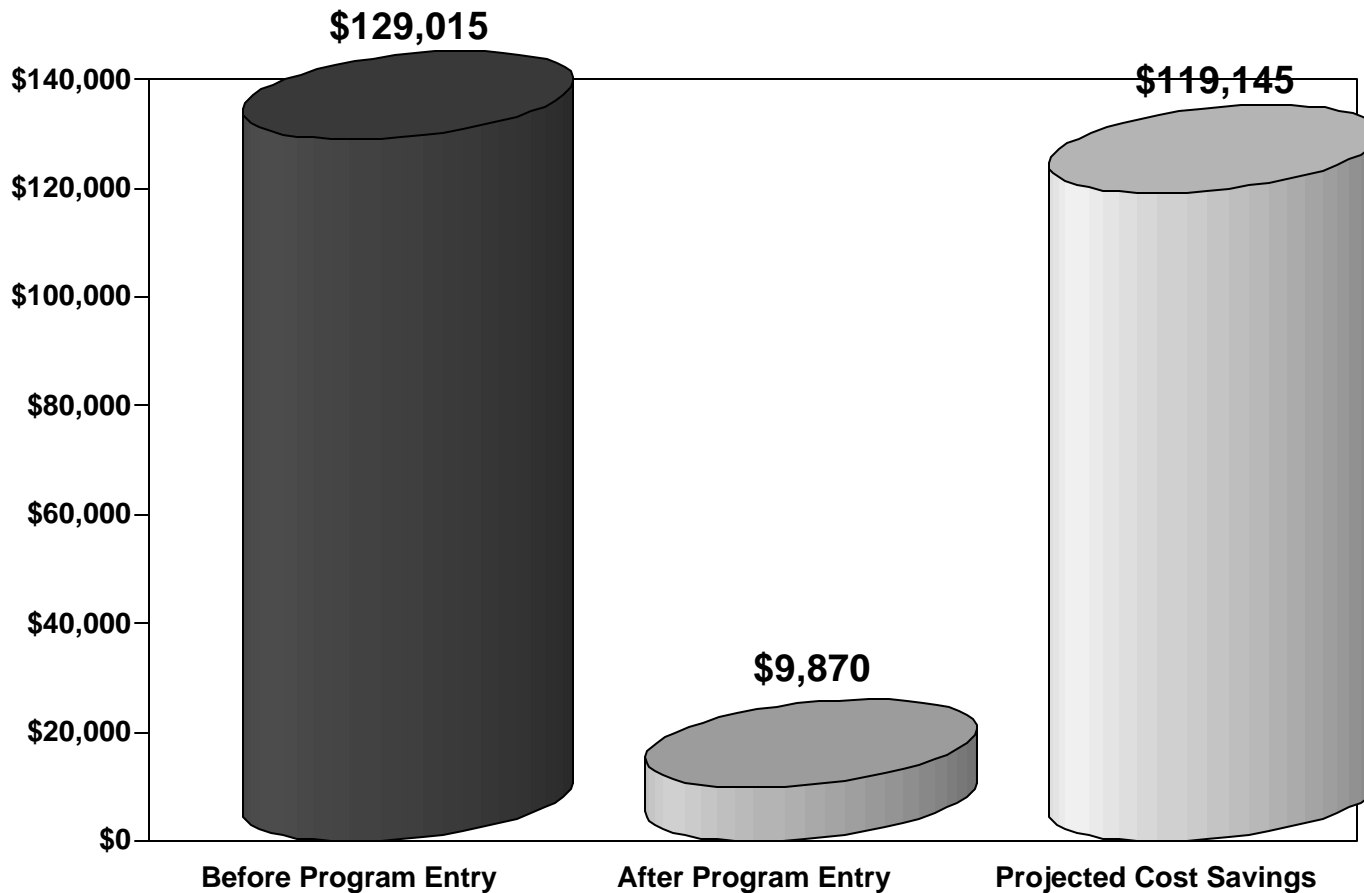


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A black and white photograph of a misty, mountainous landscape. In the foreground, there are dark, silhouetted hills. In the middle ground, a body of water is visible, surrounded by more hills. The background shows a range of mountains under a hazy sky. The overall mood is serene and expansive.

**Working together we can find solutions
to improve access to health care,
housing, education and social services
for the under/uninsured population.**